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Georgia Engineering Foundation Scholarships

November 18, 2019

The Georgia Engineering Foundation awarded three Georgia Southern students in the Mechanical Engineering program scholarships this year.

Sierra Houang received the Trooper and Jami Smith Scholarship; **Marcela Montoya**, the Dan Duwell Memorial Scholarship; and **Camille Phillips**, the David L. Smith Memorial Scholarship.

For more than 47 years, the Georgia Engineering Foundation has sponsored a program that awards college scholarships to worthy Georgia students who are preparing for a career in engineering or engineering technology. Since 1985, over 900 students have been awarded scholarships ranging from \$1,000 to \$6,000. In 2019, 42 awards were made and a total of \$76,500 was given to students pursuing a field in either engineering or engineering technology.

All scholarships are competitively awarded based on the student's demonstrated competence in academics, interest in developing a career in engineering, financial need, and school and community involvement. Look for the next application period to open again in Summer 2020 at gefinc.org.

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GDOT and FHWA Fund Traffic Safety Research at Georgia Southern

November 18, 2019

The Georgia Department of Transportation (GDOT) and the Federal Highway Administration (FHWA) recently funded two research projects led by Junan Shen, Ph.D., professor of civil engineering and construction. The research team consists of Dr. Shen and Xiaoming Yang, Ph.D., assistant professor of civil engineering and construction, both from Georgia Southern, and Youngguk Seo, Ph.D., and Tien Yee, Ph.D., from Kennesaw State University.

The team's first project, "Optimizing Winter Roadway Treatments for Georgia Pavement" will seek to enhance traffic safety by identifying the most effective anti-icing/de-icing solution for Georgia's roadways, while minimizing the negative effects of the solution on pavement durability.

For the second project, the team is joined by Weinan Gao, Ph.D., assistant professor of electrical and computer engineering; and Yunfeng Chen, Ph.D., who just this year moved from Georgia Southern to Purdue

University. “Cognitive Attention and its Application in Countermeasures on a Curve Section” will evaluate real-time eye movements of drivers responding to different safety countermeasures in driving simulations to evaluate traffic designs and enhance safety.

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